
Appendix D

Inventory of Reclaimed Water Projects

Appendix D: Inventory of Water Reuse Projects	
Projects Sponsored by the Water Environment Research Foundation (WERF)	
Project Number	Project Title
01-CTS-6	Membrane Treatment of Secondary Effluent for Subsequent Use*
D13000	Membrane Bioreactors: Feasibility and Use in Water Reclamation
92-HHE-1CO	The Use of Reclaimed Water and Sludge in Food Crop Production (Cooperative Effort w/ NRC)
01-HHE-4	Workshop: On-line Toxicologic Methods for Evaluating Potential Chemical Risk Associated with Potable Reuse (Workshop)
01-HHE-4a	Online Methods for Evaluating the Safety of Reclaimed Water*
01-HHE-20T	Removal of Endocrine Disrupting Compounds in Water Reclamation Systems*
01-HHE-21T	Innovative DNA Array Technology for Detection of Pharmaceuticals in Reclaimed Water*
97-IRM-6	Nonpotable Water Reuse Management Practices
00-PUM-1	Water Reuse: Understanding Public Participation and Participation
00-PUM-2T	Reduction of Pathogens, Indicator Bacteria, and Alternative Indicators by Wastewater Treatment and Reclamation Processes*
00-PUM-3	Evaluation of Microbial Risk Assessment Techniques and Applications in Water Reclamation*
94-PUM-1CO	Soil Treatability Pilot Studies to Design and Model Soil Aquifer Treatment Systems
99-PUM-4	Impact of Storage on Nonpotable Reclaimed Water: Seasonal and Long Term
92-WRE-1	Water Reuse Assessment

Appendix D: Inventory of Water Reuse Projects Continued	
Projects Sponsored by the American Water Works Association Research Foundation (AWWARF)	
Project Number	Project Title
371	Augmenting Potable Water Supplies With Reclaimed Water
487	Investigation of Soil-Aquifer Treatment for Sustainable Water Reuse
2568	Membrane Treatment of Waste Filter Washwater for Direct Reuse
2919	Understanding Public Concerns and Developing Tools to Assist Local Officials in Successful Potable Reuse Projects
2968	Protocol for Developing Water Reuse Criteria With Reference to Drinking Water Supplies
Projects Sponsored by the National Water Research Institute (NWRI)	
WR-699-531-92	A Comparative Study of UV and Chlorine Disinfection for Wastewater Reclamation
HRA-699-517-94	Microbial Risk Assessment for Reclaimed Water
Projects Sponsored by the WaterReuse Foundation	
WRF-01-001	Develop Low Cost Analytical Method for Measuring NDMA
WRF-01-002	Removal and/or Destruction of NDMA in Wastewater Treatment Processes
WRF-01-004	Understanding Public Concerns of Indirect Potable Reuse Projects
WRF-01-005	Characterizing Salinity in Sewer Contributions in Sewer Collection and Reclaimed Water Distribution Systems (AwwaRF Project)
WRF-01-006	Characterizing Microbial Water Quality in Non-Potable Reclaimed Water Distribution Systems to Optimize End Uses (AwwaRF Project)
WRF-01-007	The Use of Bioassays and Chemical Measurements to Assess the Removal of Endocrine Disrupting Compounds in Water Reclamation Systems (WERF Project via JWRTF)
WRF-01-008	Evaluation and Testing of Bioassays for Pharmaceuticals in Reclaimed Water (WERF Project via JWRTF)
WRF-02-001	Rejection of Wastewater-Derived Micropollutants in High-Pressure Membrane Applications Leading to Indirect Potable Reuse: Effects of Membrane and micropollutant Properties
WRF-02-002	Investigation of NDMA Fate and Transport
WRF-02-003	Filter Loading Evaluation for Water Reuse
WRF-02-004	National Database on Water Reuse Projects
WRF-02-005	Develop a National Salinity Management Clearinghouse and Five-year Research Program
WRF-02-006a	Zero Liquid Discharge for Water Utility Applications
WRF-02-006b	Beneficial and Non-Traditional Uses of Concentrate and Salts

Appendix D: Inventory of Water Reuse Projects Continued	
Projects Sponsored by the WaterReuse Foundation Continued	
Project Number	Project Title
WRF-02-006c	Impacts of Membrane Process Residuals on Wastewater Treatment
WRF-02-006d	Benefits of Regional Solutions in Disposing of Concentrate
WRF-02-007	Comparative Study of Recycled Water Irrigation and Fairway Turf
WRF-02-008	Study of Reclaimed, Surface, and Ground-Water Quality
WRF-02-009	Study of Innovative Treatment on Reclaimed Water
WRF-02-011	A Protocol for Developing Water Reuse Criteria with Reference to Drinking Water Supplies
WRF-03-001	Pathogen Removal and Inactivation in Reclamation Plants - Study Design
WRF-03-005	Marketing Strategies for Non-Potable Recycled Water
WRF-03-006	Economic Analysis of Sustainable Water Use - Benefits and Cost
WRF-03-009	Reclaimed Water Aquifer Storage and Recovery: Potential Changes in Water Quality
WRF-03-010	Water Reuse Research Needs Workshop
WRF-03-011	Two-Day Research Needs Assessment Workshop on Integrating Human Reactions to Water Reuse
WRF-03-012	Salt Management Guide
WRF-03-013	Rejection of Contaminants of Concern by Nanofiltration and Ultra-low Pressure Reverse Osmosis Membranes for Treating Water of Impaired Quality (AWWARF)
WRF-03-014	Development of Indicators and Surrogates of Chemical Contaminants and Organic Removal in Wastewater and Water Reuse (Co-funding with WERF)